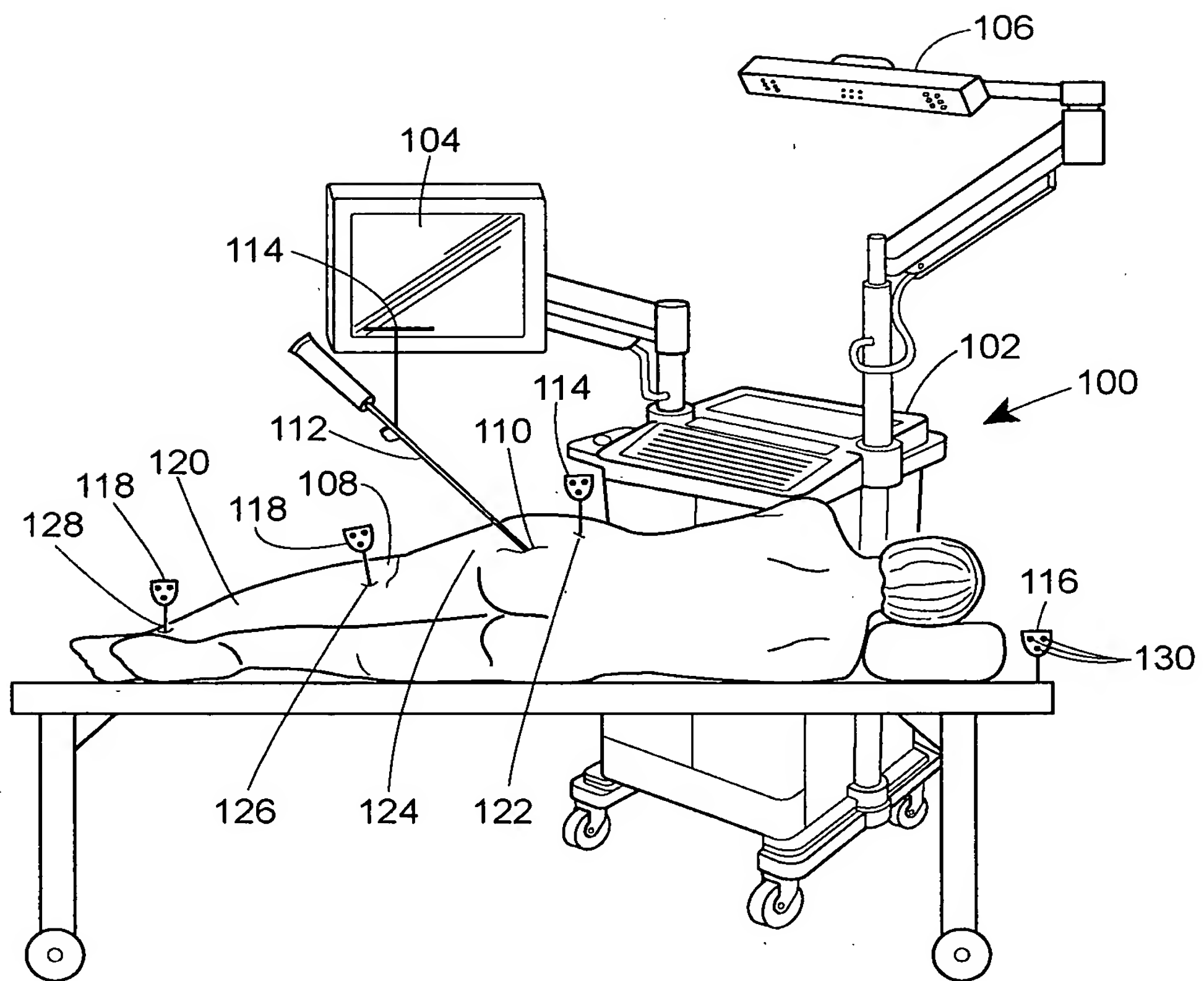
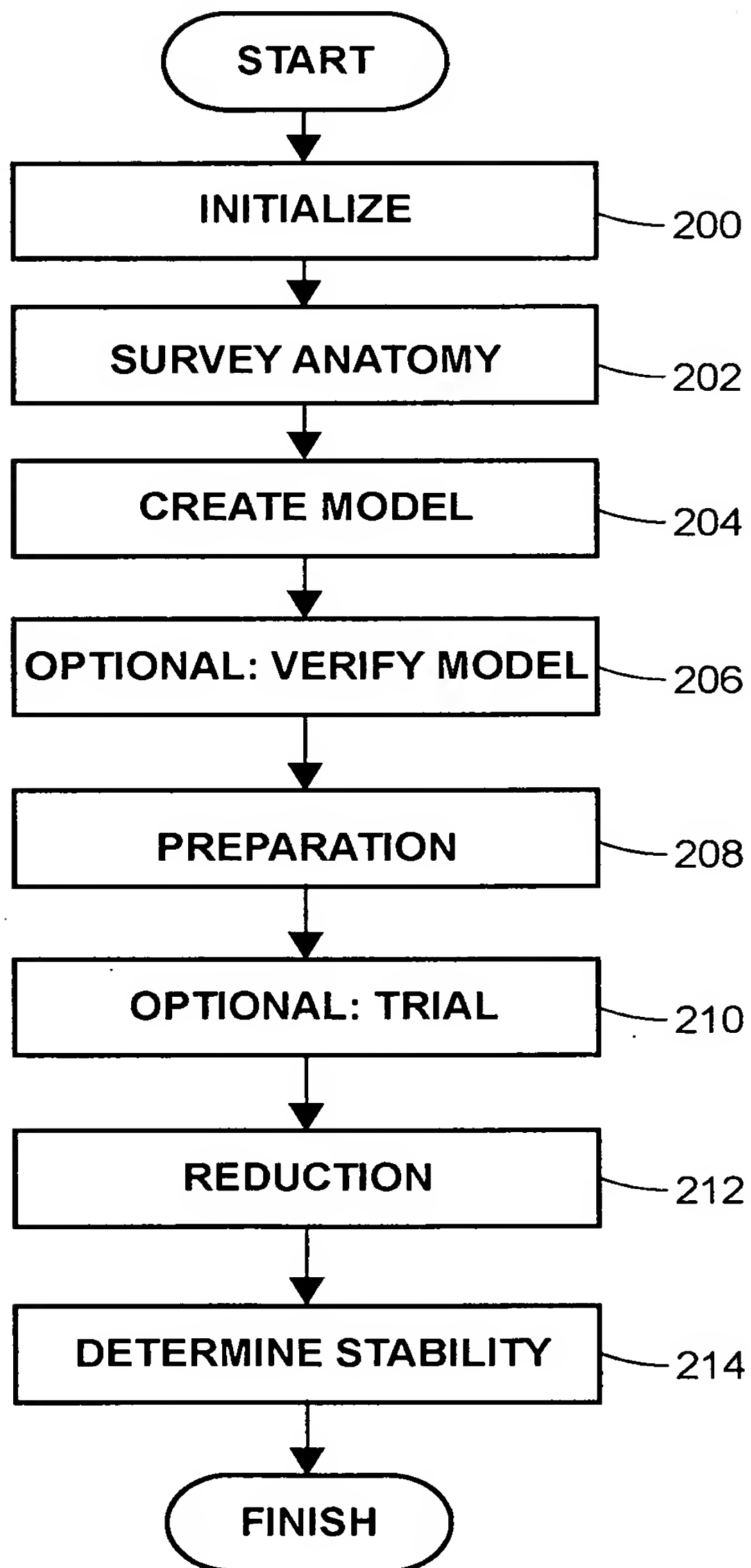




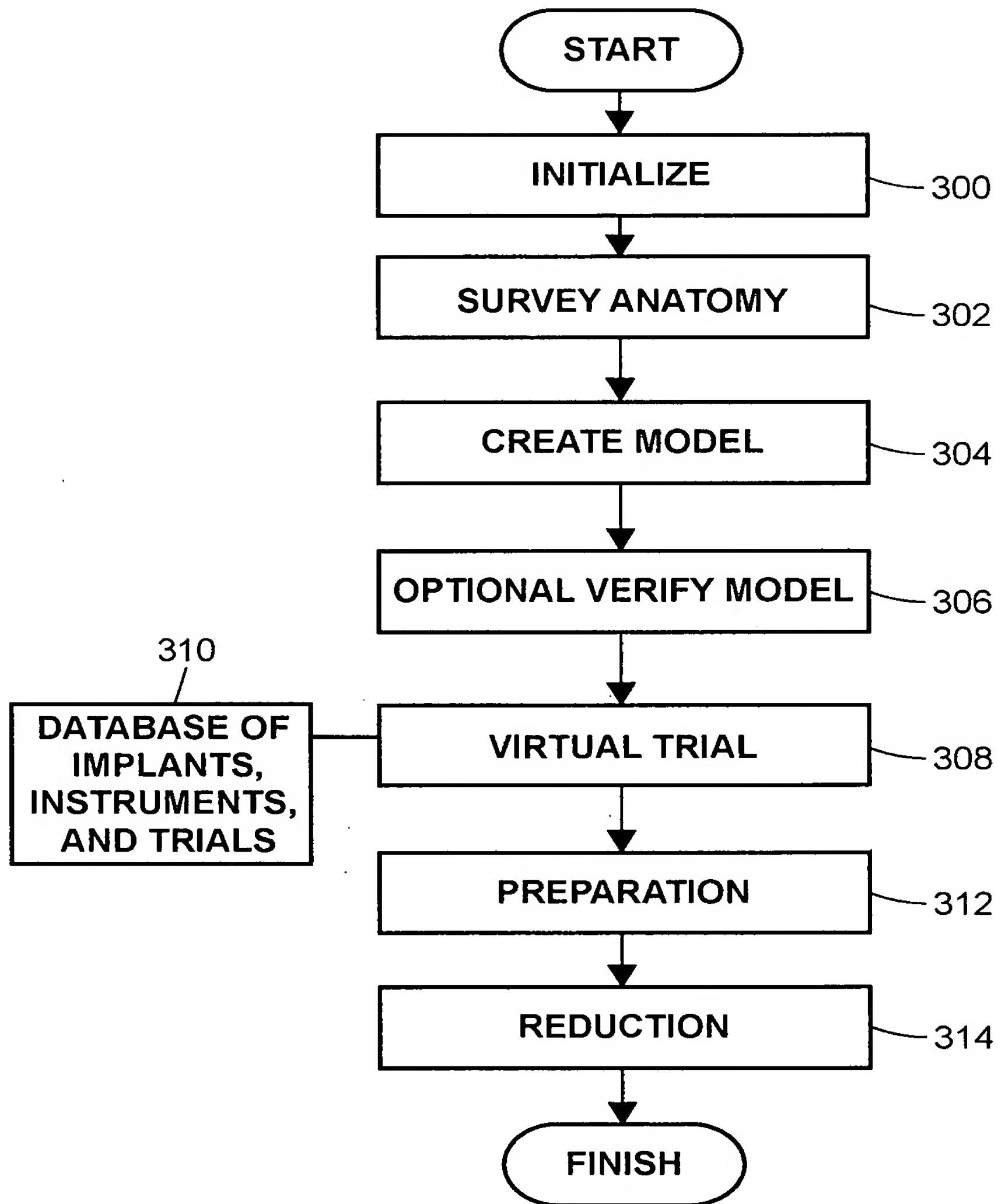
**FIG. 1**



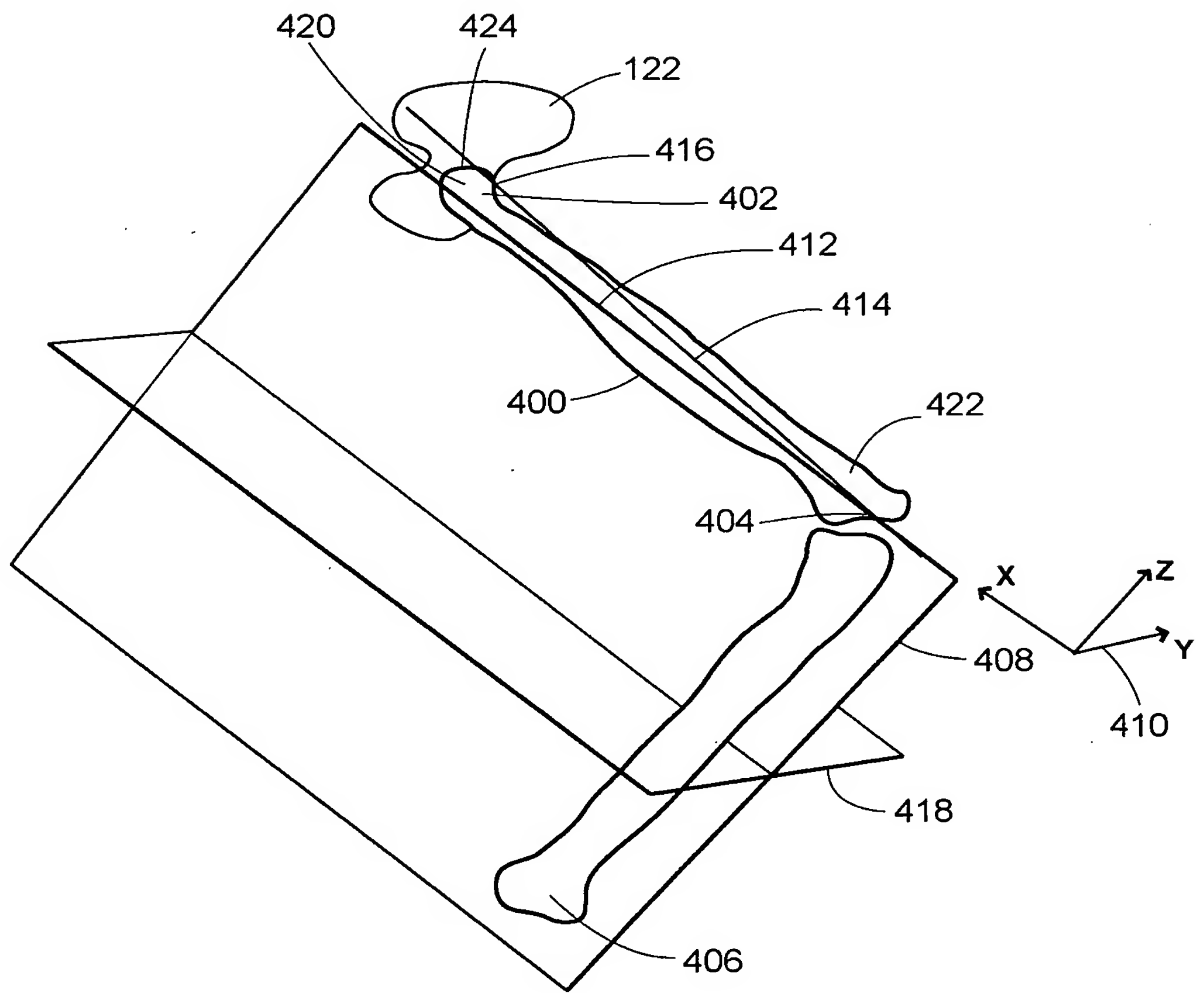
**FIG. 2**



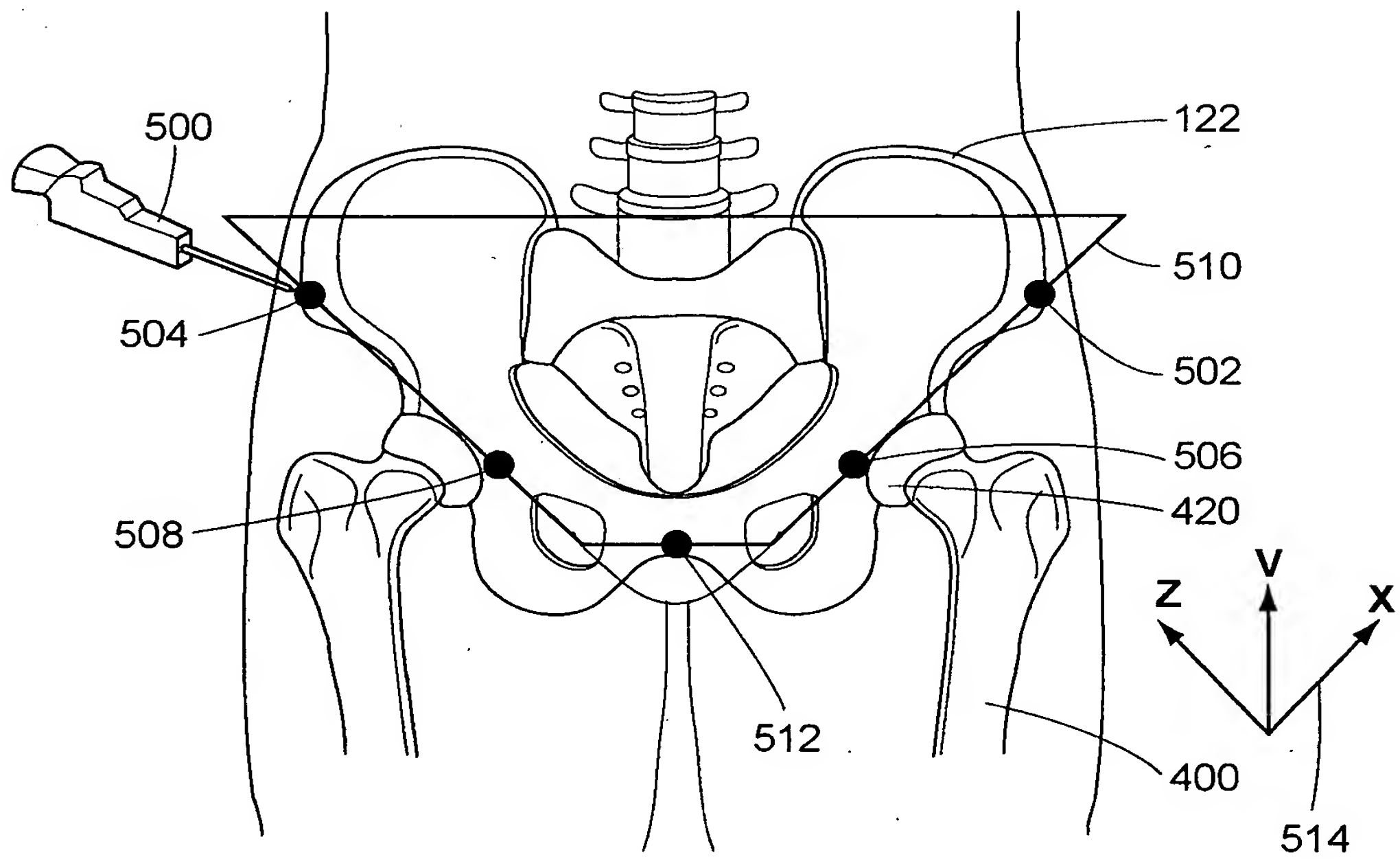
**FIG. 3**



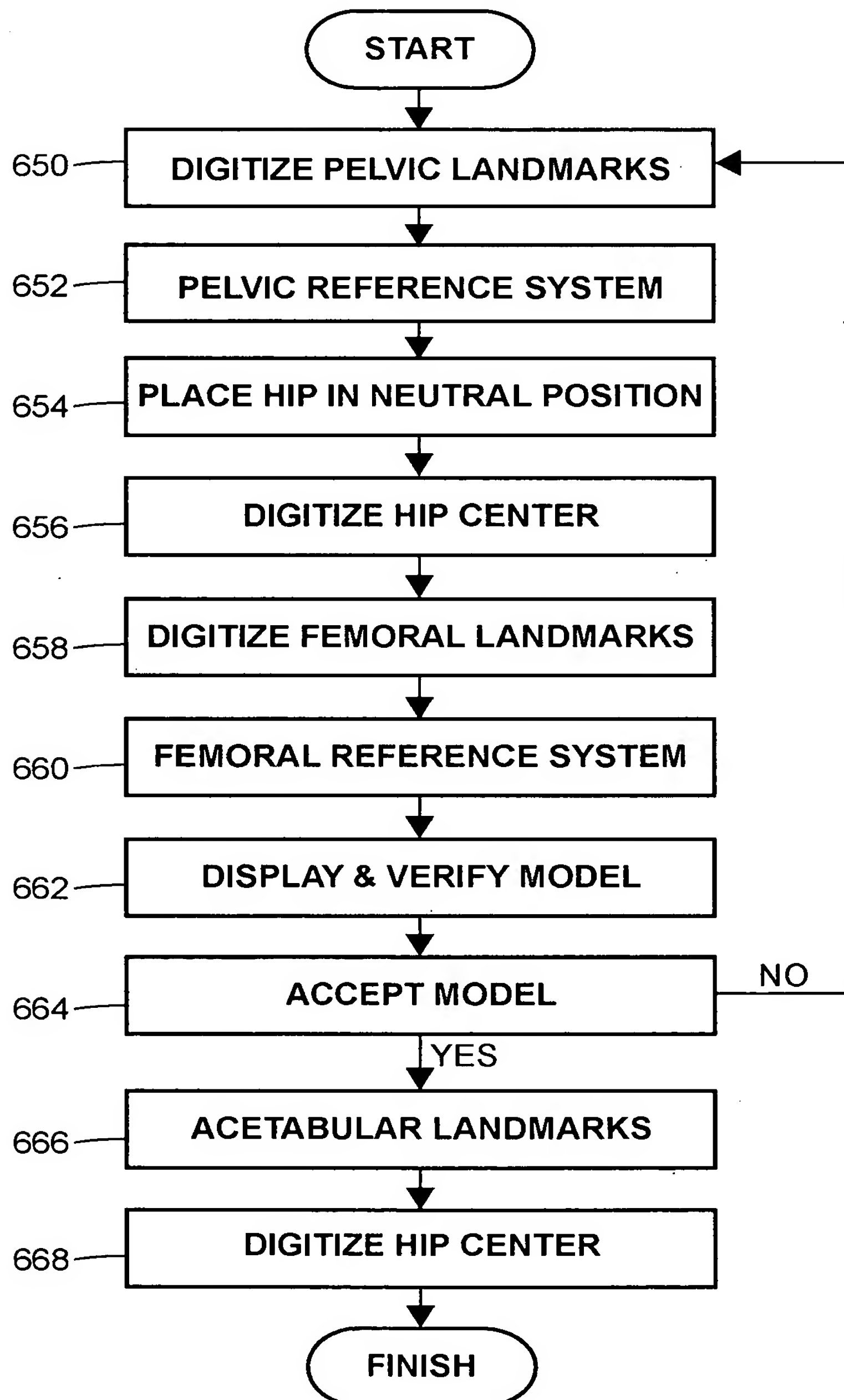
**FIG. 4**



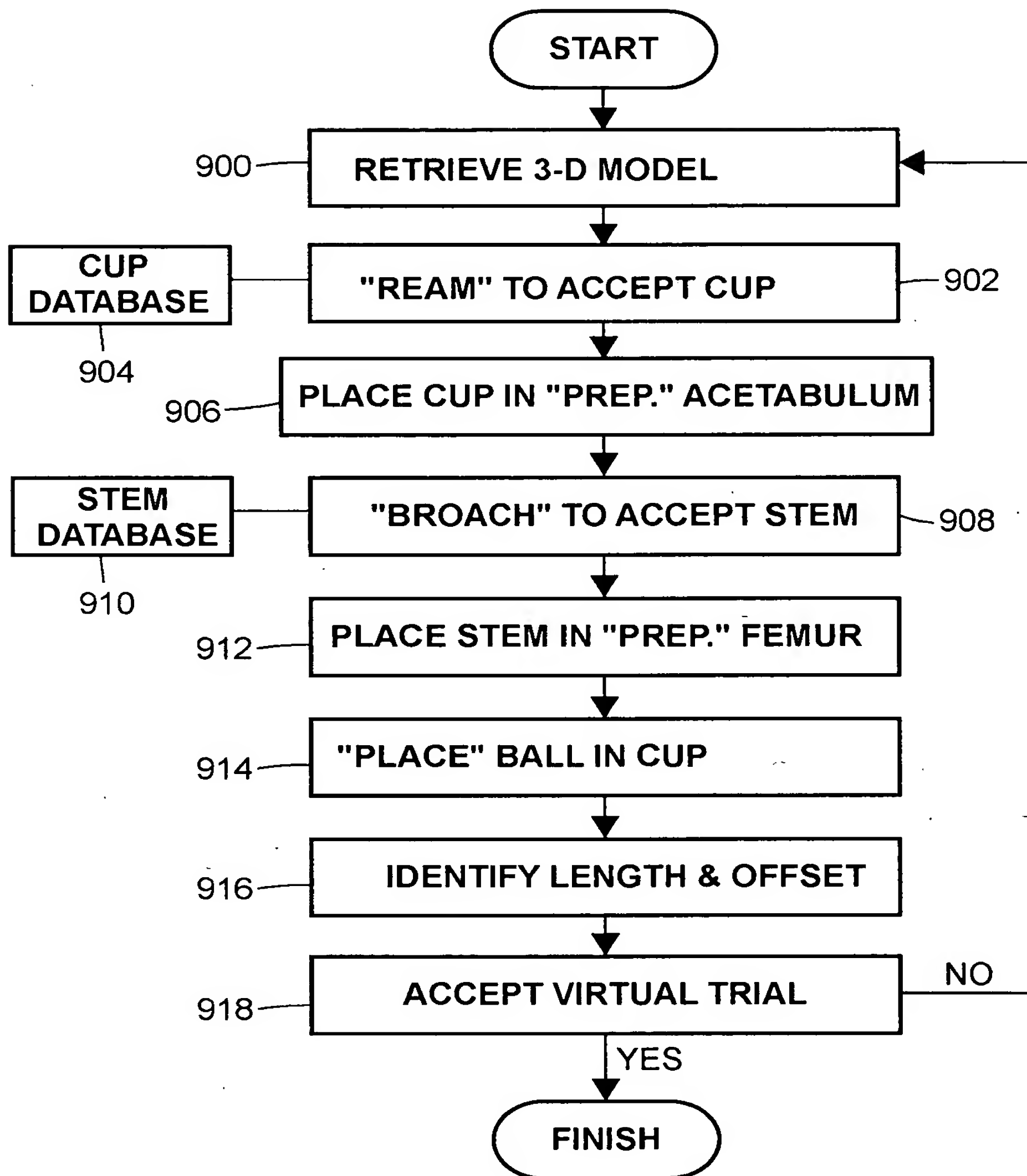
**FIG. 5**



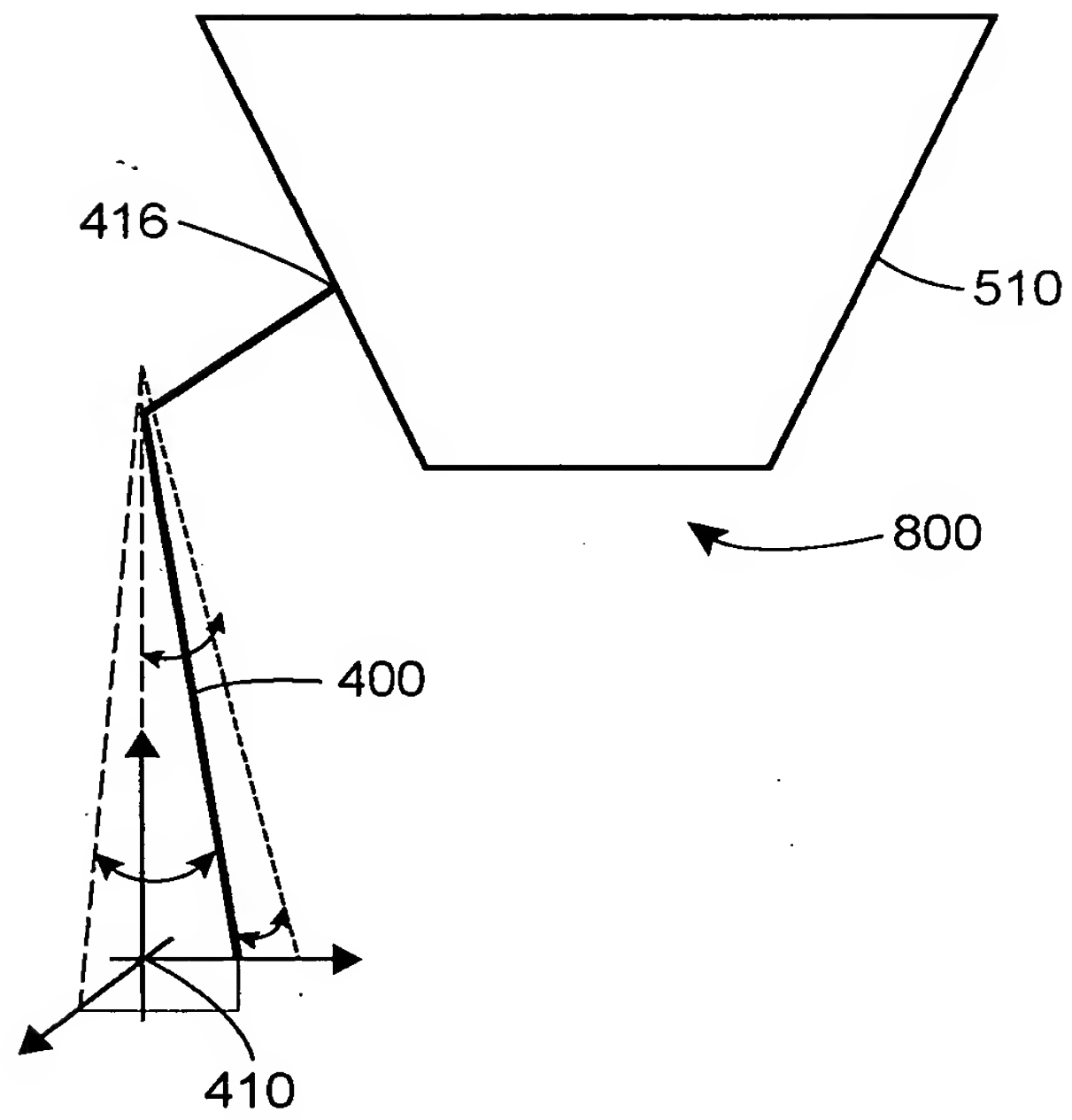
**FIG. 6**



**FIG. 7**

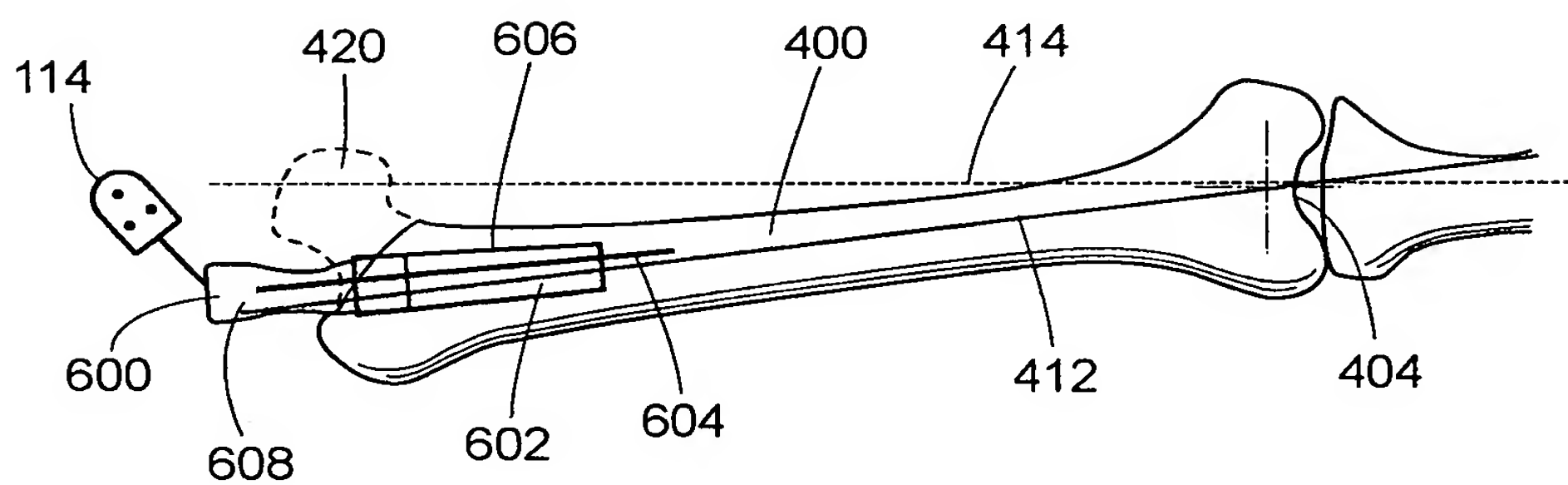


**FIG. 8**

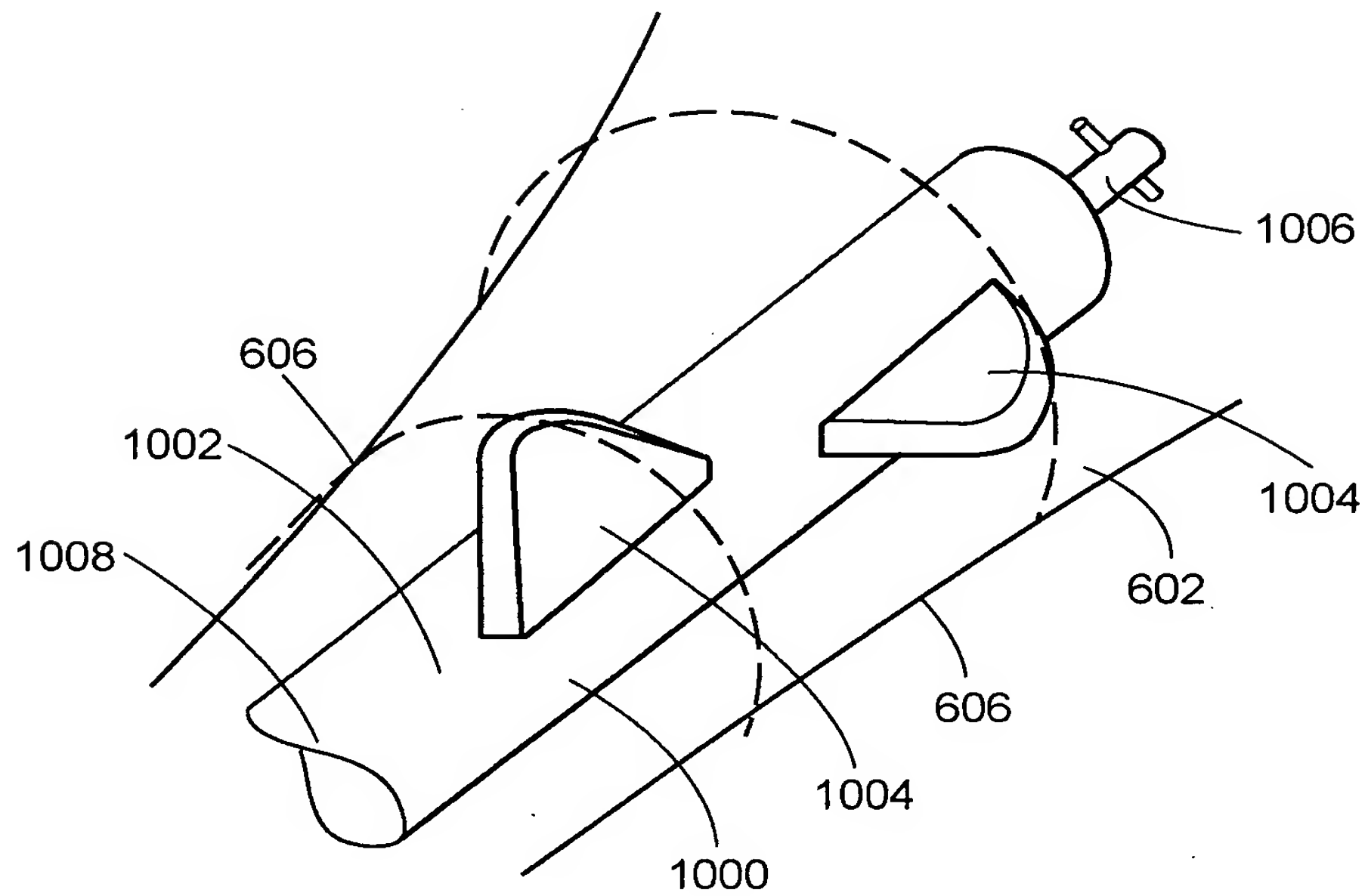




**FIG. 9**



**FIG. 10**





**FIG. 12**

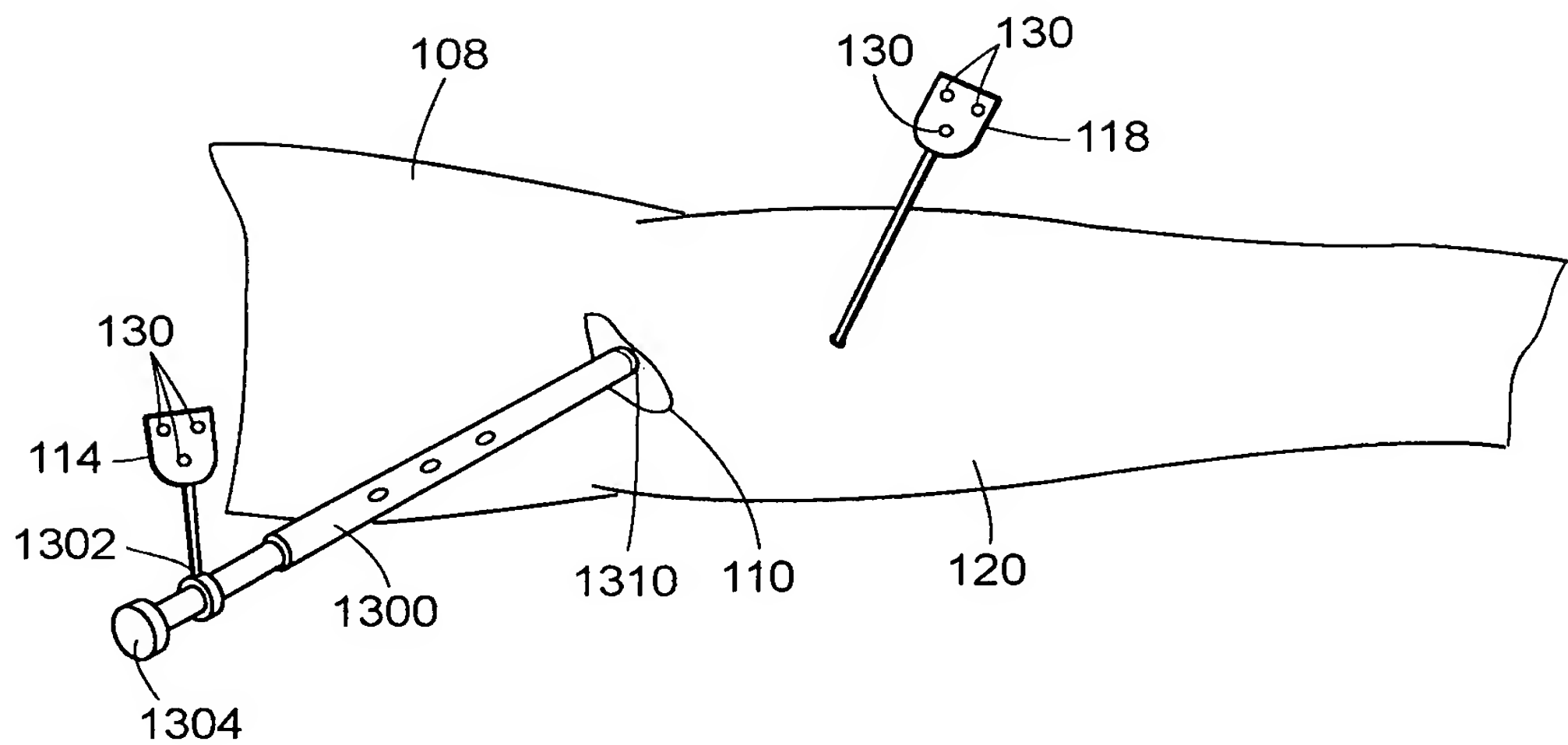


FIG. 13

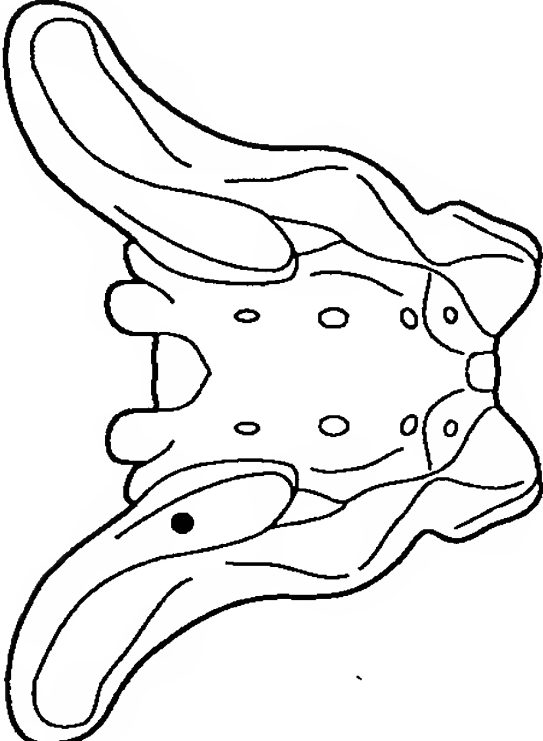
posterior left-Hip Navigation File Edit Options Smart Tools ?			
Anatomy Syryve: Left Leg Patient Coordinate System	Anatomy Survey: / Hip > < Anatomy Survey / Overview		
<p>Press SELECT to redo digitization of the left illiac crest.</p>  <p>Left illiac crest = -65 -67 -10</p> <div><input checked="" type="checkbox"/> 1 Left PSIS <input checked="" type="checkbox"/> 2 Left Illiac Crest <input checked="" type="checkbox"/> 3 Right PSIS <input checked="" type="checkbox"/> 4 Right Illiac Crest</div>			
Femur	Pelvis	Pointer	Exit

FIG. 14

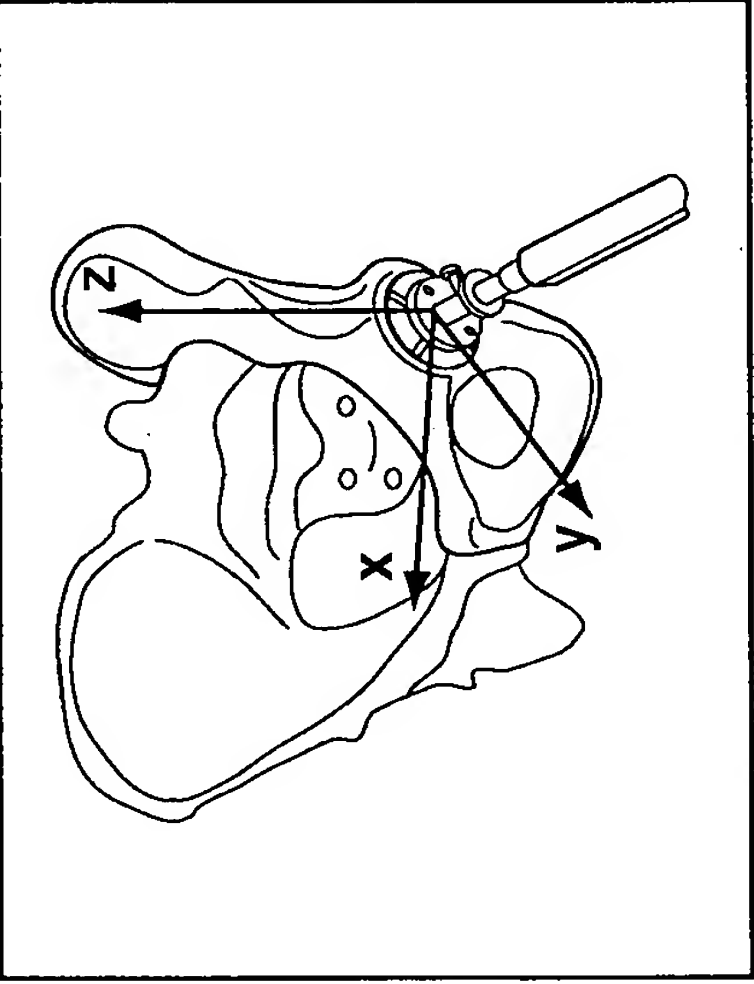
Doe John left-Hip Navigation	
File Edit Options ?	
Hip Center Verification : Left Leg	
Pelvis	Return to Main Menu
Distance (Offset) mm (x y z) Motion Analysis : 0 (0 0 0) Acetabulum : 10 (-2 10 -2) Reamer : --- : ---	<div>Put the Tracker on the Cutting Edge-Reamer, chose an appropriate reamer size and press SELECT to activate verification of the Center of the Acetabulum.</div> <div><input type="checkbox"/> 1 Verify Hip Center <input checked="" type="checkbox"/> Use Motion Analysis Center Use Acetabulum Center Use Reamer Center</div>
	Diameter of acetabulum: 54 mm
Preparation Overview	
Pointer	Pelvis Reamer Main Menu

FIG. 15

error\_depth\_right-Hip Navigation  
File Edit Options ?

Survey Pelvis: Right Leg  
Model Verification

Anatomy Survey Overview

22° Abduction

Frontal

18° Extension  
35° Int. Rotation

Lateral

☒ OK, Model is correct  
☒ Return to Pelvis  
☒ Return to Femur

Press SELECT to digitize the Acetabular Landmarks.

Acetabular Landmarks

Femur

Pelvis

Main Menu

FIG. 16

File Edit Options ?

Preparation : Left Leg Acetabular Preparation

Verify pelvic Tracker

Change in Leg Length

No leg changes planned

Acetabular : 2 mm lengthening

Reamer: 54

Depth: 2

Frontal

50° Incination

26° Anteversion

2 mm lateralization

Guidance

+ Reamer Diameter : 54 mm

Trident hemispherical

Standard Trident 0° Insert

Record final Reamer Position

Press SELECT to activate recording of position of the Reamer

Insert Acetabular Trial

Pointer

Pelvis

Reamer

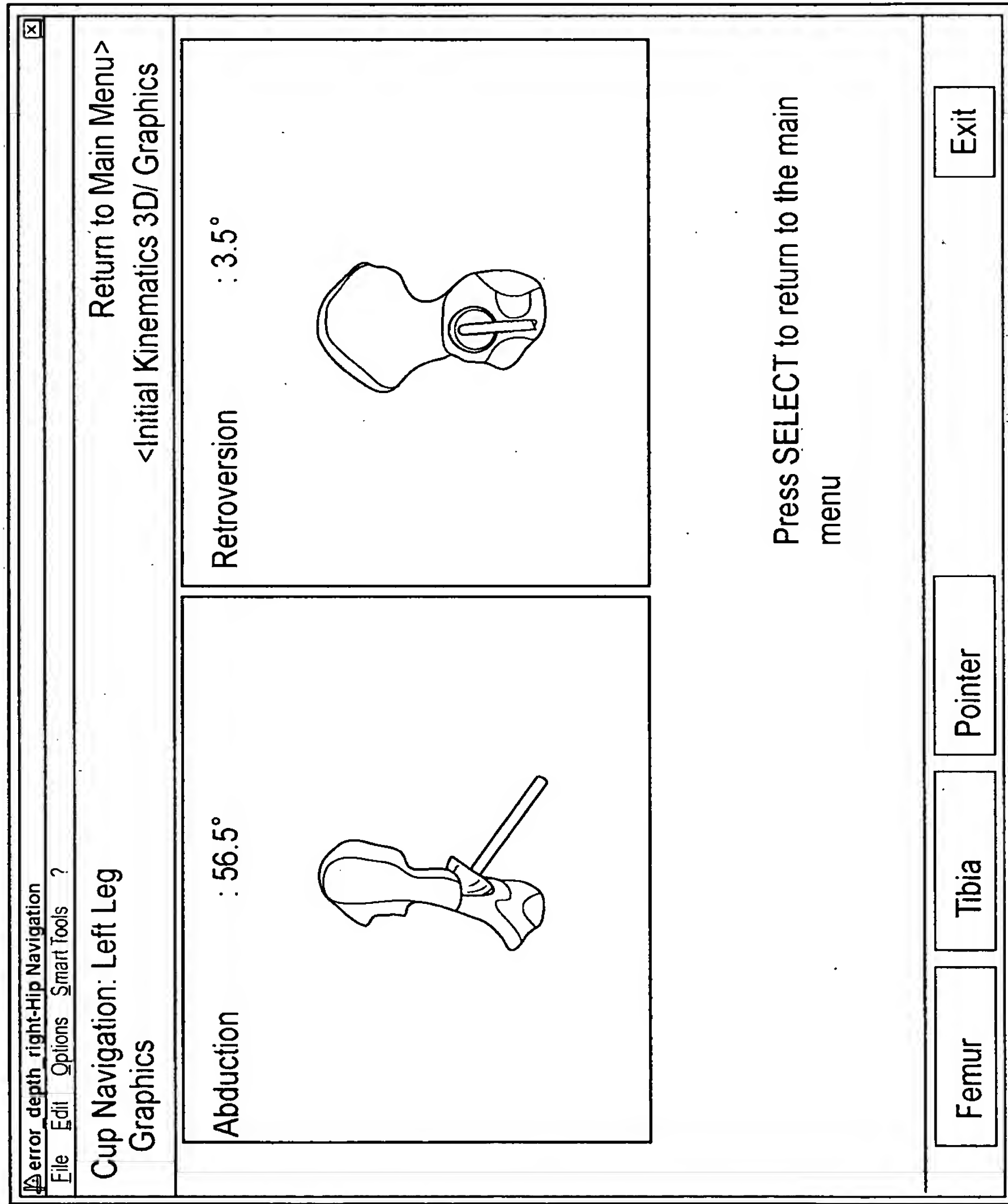
Main Menu



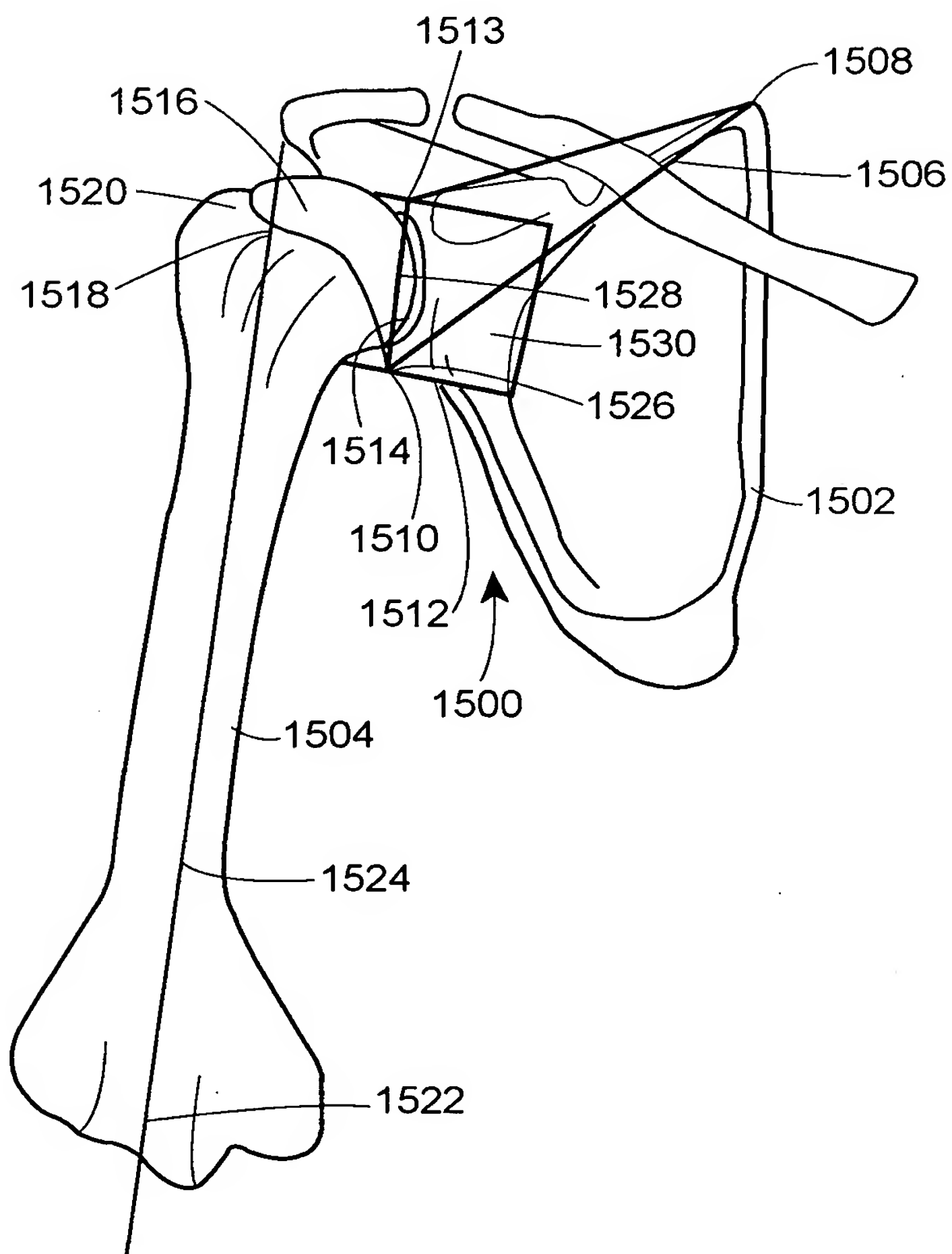
FIG. 17

Doe John left-Hip Navigation File Edit Options ?	
Preparation : Left Leg Femoral Preparation	
Preparation Overview	
Planned Changes:	
Change in Leg Length	Femur : 2mm lateralization Length : 5mm lengthening
Femoral : 12mm lengthening Acetabular : 3mm lengthening Total : 15mm lengthening	
Axial	Frontal
size 7	9 mm medial 3° varus
size 7 Osteonics Secur-fit-HA(132°) C-Taper CoCr 28mm offset -3 mm Record Final Broach Position	Reposition with Trials
Femur	Broach
Main Menu	

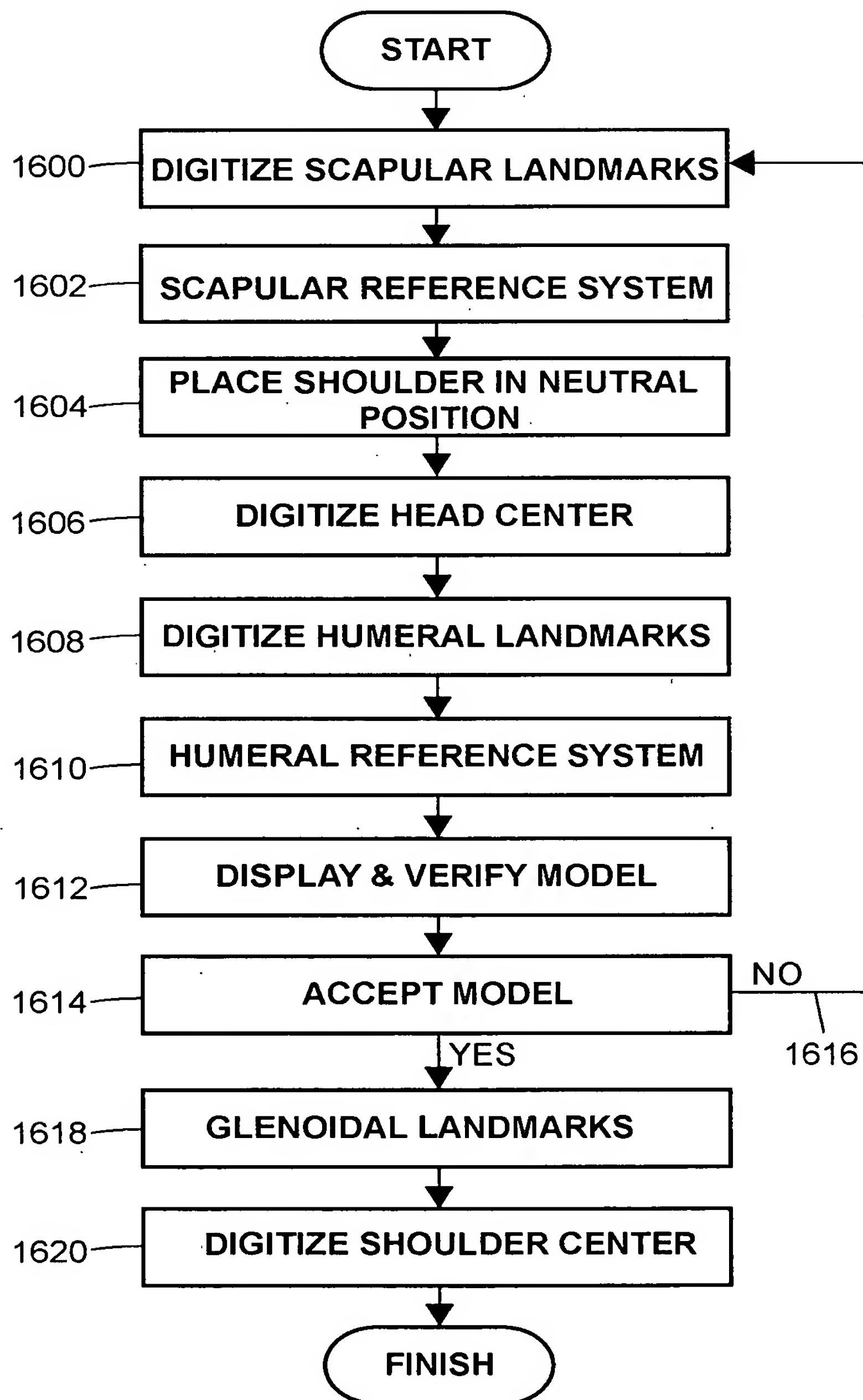
FIG. 18



**FIG. 19**



**FIG. 20**



**FIG. 21**

